| State of North Dakota )                                                                                                                                                                           |                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| )ss<br>County of Burleigh )                                                                                                                                                                       |                                                                                              |
| I, Kali L. Hieb, do hereby certify that I am a duly of North Dakota and an official custodian of the I have carefully compared the                                                                | r-appointed Forensic Scientist for the State e records and files of the office thereof, that |
| Intoximeters Alco-Sensor FST® Ethanol Broad AG030202, Expiration 10/28/22 (02/01/21)                                                                                                              | eath Standard Analytical Report, Lot No.                                                     |
| hereto attached with the respective original as<br>Office of Attorney General, Crime Laboratory<br>Dakota, and find the same to be a true and col<br>In witness whereof I have set my hand at the | Division, in the County of Burleigh, North rect copy thereof and of the whole thereof.       |
| 01day of <u>Feb</u> ,                                                                                                                                                                             | 2021                                                                                         |
| Kali L. Hieb, Forensic Scientist                                                                                                                                                                  |                                                                                              |
| State of North Dakota ) )ss County of Burleigh )                                                                                                                                                  |                                                                                              |
| On this day of day of day of day of appeared Kali L. Hieb, known to me to be a Dakota, and acknowledged to me that she ha                                                                         | Forensic Scientist for the State of North s executed the same.                               |
| Subscribed to and sworn before me this:                                                                                                                                                           |                                                                                              |
| day of <u>Jebruary</u>                                                                                                                                                                            | . 2021                                                                                       |
| Neama Day                                                                                                                                                                                         | DEANNA DAILEY Notary Public State of North Dakota My Commission Expires Mar 23, 2023         |
| Deanna Dailey, Notary Public, State of North<br>My Commission Expires March 23, 2023                                                                                                              | Dakota (SEAL)                                                                                |

Toxicology Section/Breath Alcohol Program Intoximeters Alco-Sensor FST®

BrW-007

## INTOXIMETERS ALCO-SENSOR FST® ETHANOL BREATH STANDARD ANALYTICAL REPORT

Ethanol Breath Standard Lot Number AG030202 Expiration Date 10/28/2022

This standard was analyzed by AIRGAS USA LLC (LAB) with a reported result of 223 ppm which is the equivalent of 0.082 BrAC of Ethanol in Nitrogen. AIRGAS USA LLC (LAB) has provided a Certificate of Analysis traceable to N.I.S.T. RGM Ethanol Standards.

The number of cylinders sent to each location will be based on need. The standard may be used until the date of expiration as indicated by the manufacturer's Certificate of Analysis.

Kali L. Hieb, Forensic Scientist

Date Approved



Airgas USA LLC (LAB)

3500 Bernard Street St. Louis, Mo. 63103 Ph: (314) 533-3100

Fax: (314) 533-7328

## **Certificate of Analysis**

**Customer Name** 

**Exclusive Supplier** Intoximeters, Inc. 2081 Craig Road St. Louis, Mo 63146 Test Date: 28-Oct-2020

Lot # AG030202 Model 108cacd

Exp. Date

Cyl. Type

Component

Certified Concentration

28-Oct-2022

108

Ethanol Nitrogen 0.082 ± 0.002 BrAC (223 ppm)

Balance

## Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

| RGM Serial No. | Concentration | RGM Serial No. | <u>Concentration</u> |
|----------------|---------------|----------------|----------------------|
| EB0010581      | 392.1 ppm     | EB0010603      | 393.0 ppm            |
| EB0010570      | 259.8 ppm     | EB0010559      | 258.2 ppm            |
| EB0010370      | 208.0 ppm     | EB0010595      | 208.3 ppm            |
|                |               | EB0010562      | 104.2 ppm            |
| EB0010561      | 103.6 ppm     | EB0010579      | 52.81 ppm            |
| EB0010681      | 52.12 ppm     | EB0010373      | 02.0 . Pp            |
| CRM Serial No. | Concentration | CRM Serial No. | Concentration        |
| CC727481       | 800.0 ppm     | CC727493       | 390.0 ppm            |
|                | 253.0 ppm     | CC727498       | 150.0 ppm            |
| CC727496       | 200.0 ppin    | <del></del>    | • •                  |

**Analytical Method:** 

**NDIR** 

Digitally signed by Quality Control Date: 2020.10.29 13:20:30 -05:00 Reason: Dry gas standard certification of analysis Location: Airgas USA LLC (Lab)

Approved for Release:

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07